Reda Manual

System RoMedic

Reda is a safe and easy-to-use ceiling lift unit that combines new design with well-thought-out and proven construction and functional. Reda can be used on all types of rails, both permanent rail systems (basic rail systems with or without curves and switches, or rail systems with full room coverage) and on portable, freestanding lift stands. Reda also functions equally well in all settings and in all types of rooms. Reda has a wide lifting range (2,350 mm/ 92.51“) and can therefore be used both for lifting from the floor and for very high lifts. Reda is also an ideal assistive device for gait training and standing training.

Reda is very easy to operate and allows the caregiver to remain close to the user and focus on the user throughout the entire lifting procedure. All maneuvering is via the ergonomic and uniquely user-friendly hand control with clearly marked and intuitively placed buttons for switching the unit on/off, for lowering, raising, travelling along the rail (for models with transfer motors), and emergency stop.

Functional inspection

Visual inspection
Inspect lift functions regularly. Check to ensure that the entire system is free of damage.

Always read the instructions

Read instructions for all assistive devices used in connection with transfers. Keep the manual where it is accessible to users of the product.
Do not leave the patient unattended during a lifting situation.
Before use:
Check slingbar connection and safety latch function.
Check lift motion and ensure that the lift strap is not worn or twisted.
Under no circumstances may the lift be used by persons who have not received instruction in the operation of the lift.

RoMedic®

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Component list

Reda includes the following:
1 RoMedic REDA Lift
1 handset
1 User's guide
1 Warranty certificate
1 Charger (for mounting on wall or track)
1 Slingbar

NOTE!
The handset must be connected before use. See section Handset.

Technical information

Lift motor: 24VDC
Motor Cover: Fire-resistant ABS plastic
Lifting speed: 3.5 cm/s without load
Charger IN Mascot 2240 100-240VAC/ 50-60Hz Max 0.35A
Charger OUT 24 VDC/ 27.6 ± 0.3 Max 0.5A
Batteries: 24 VDC (2 pcs. 12VDC) 2.9 Ah.valve regulated Sealed, lead accumulator (gel-type batteries)
Motor chassis flame-resistant ABS plastic
Handset: electrical
Emergency lowering: Electrical
Handcontrol pressure: 2.1 N
Lift weight:
Lifting range: 235 cm, 92.5inch
Max. Load Reda: 230 kg, 505 lbs
Sound level: With load: upwards: 54.7 dB (A) downwards: 54.7 dB (A).
Lift measurements: 30.1x26.7x13.9 cm, 11.9x10.5x5.5inch
Intermittent operation Op 10/90, active op. max. 2 min.
Operation: Out of a time of 100, active time must be less than 10, though not more than 2 min.
IP class, lift unit: IP xx
IP Class, Handcontrol: IP 65
The device is intended for indoor use.
Type B, according to the degree of protection against electric shock.
Class II equipment
Estimated Service Life: 10 years

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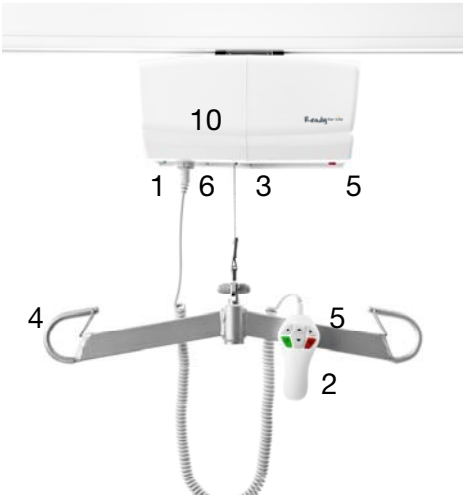
Class II equipment

Detailed description

1. Outlet for handset
2. Handset
3. Lift strap
4. Slingbar with safety latch
5. Emergency stop and electrical emergency lowering
6. Manual emergency lowering/raising
7. LED lamp
8. Plastic Cover



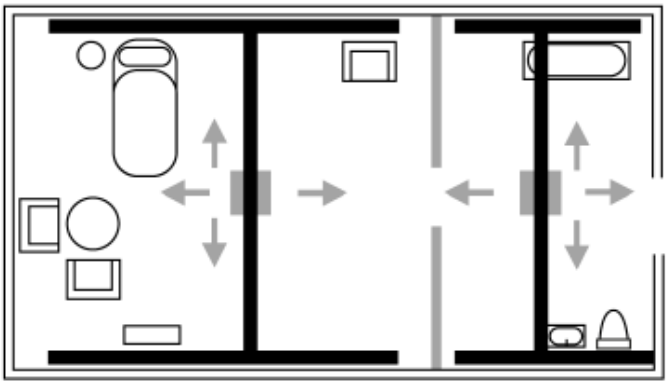
Important information

• The Reda must be assembled and installed by authorized personnel in accordance with the installation instructions provided by RoMedic. The system must always be test-loaded with max. load after installation.
• Reda may only be used on a track system approved by RoMedic AB.
• Warranty does not apply if repairs or alterations are made to the lift by personnel who are not authorized by RoMedic.
• Reda must not come in direct contact with water.
• To ensure optimal function, the lift must be inspected regularly. See section on other maintenance details.
• Under no circumstances may max. load be exceeded. See section on technical information and the product decal on the lift.
• Lifting accessories must be properly trial fitted and tested in relation to the patient's needs and functional ability.

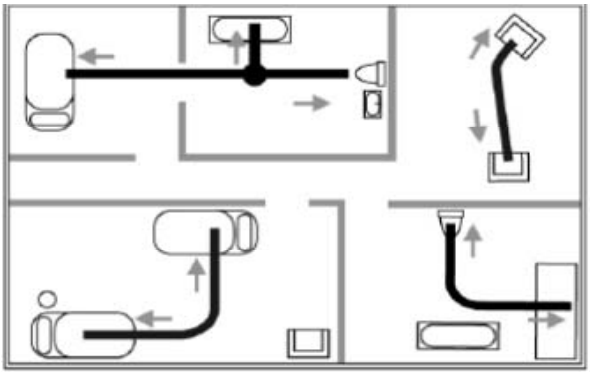
Several different track systems

The choice of track system is determined by lifting needs.

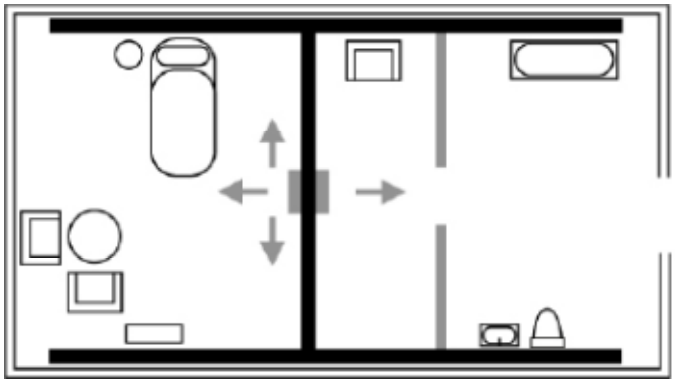
H system in bedroom and bathroom



Straight track, curves, track switch



H system above bathroom wall



Freestanding straight track

Handset

Connection of handset to lift unit (all models): The outlet for the handset is on the underside of the lift. Install the handset, taking care to match male and female correctly before inserting the connector into the underside of the lift (1).

1

Raising/lowering

The grey arrows raise and lower the strap. The grey button towards the cord raises and the other button lowers. Motion stops as soon as the button is released (2).

The Green Button turns the lift on. (3)

The Red Button turns the lift off and functions is the emergency stop (4)

Note: The left arrow and right arrow buttons currently serve no function on the Reda (5)

2 5 5 3 4 2

Activate/start the hoist

The lift is activated by depressing the Green button on the handset.

To save battery charge, the lift switches off automatically after about 10 minutes when not in use.

Charging the lift

The lift is charged via a freestanding charger station installed at an appropriate end of the track. Motor's charger pickups are located above hand control end of motor (1)

If the LED lamp on the underside of the lift lights red, and a beeping signal will be heard indicating a low battery warning. (2)

If the LED lamp on the underside of the lift blinks red, a low signal will be heard, the lift must be taken out of service immediately and the battery must be charged immediately. (2)

When the lift is correctly docked in the charger station, the Green LED lamp on the underside of the unit will glow. It will shut off after 10 minutes (3).

When the lift is fully charged the Green LED Lamp will turn on again.

1

2, 3

NOTE!
Use only the charger station that is approved for the lift.
Ensure that the hoist is docked at low speed with the charger station.
To ensure maximum battery life, charge regularly. We recommend that the lift be docked with the charger station when not in use. Do not allow battery charge to fall below 25%.
The emergency stop device must not be activated during charging.

Emergency stop

To activate emergency stop: Push the red emergency stop button on the lift motor or press the red button on the hand control all functions will be switched off. (1, 2)
Resetting: Depress the green handset button to Restart the motor. (3)

Electrical emergency lowering

If the handset does not function, push and hold the red emergency stop button and hold until the patient has been lowered on the underlying surface. (2)

Resetting: Depress the green handset button to Restart the motor. (3)

Ensure that emergency lowering takes place in a safe and appropriate location.

Trouble-shooting

If the lift is not working properly, check the following:
• Check to ensure that the handset is connected correctly. If the markings on the handset do not coincide with the lift functions or if any of the buttons do not respond, check to ensure that the cord for the handset is properly and securely connected. Pull out the contact and plug it in again firmly.
• Check to ensure that the emergency stop has not been activated. Reset the emergency stop device if necessary.
• Check battery charge level. If the red LED is on or blinking, dock the lift in the charger station immediately.

NOTE!
If the lift still does not function properly after trouble-shooting, contact an authorized RoMedic service technician.
If the lift makes unusual noises, try to determine the source of the sound; do not use the lift, and contact an authorized RoMedic service technician.

General inspection

We recommend that the lift be inspected at least once per month.
• Inspect the lift for signs of wear and damage.
• Check the entire length of the strap for signs of damage and inspect seams for wear. Press the Up button and run the strap all the way up. Then, press the Down button and run the strap all the way down.
• Check the cord for the handset for signs of wear.
• Check to ensure that handset markings coincide with lift functions.
• Check emergency stop function by activating the emergency stop, and then pressing either the Up or Down button. If nothing happens when the Up or Down buttons are pressed, the emergency stop is functioning properly.
• Check to ensure that the track system is equipped with end stops.
• Test lift function by lifting a person (not a patient) using an approved sling. At the same time, check the electrical emergency lowering functions with someone lifted by the lift.
• Check battery charge level, that the red LED is not ON or Flashing
• Run the lift to the charger station at one end of the track and check to ensure that the charging lamp lights when the lift is docked.

Maximum load:

The maximum allowable load may differ due to different products on the assembled lift system: for example, different limits based on, slingbar, sling, scale, or other accessories.

The maximum lift weight is always the maximum allowable load indicated for the respective products attached to the system.

Always check the markings on all products in the unit and contact RoMedic representative if you have any questions.

Other maintenance details:

The lift must undergo thorough inspection at least once per year. This must be done by authorized RoMedic service personnel and in accordance with RoMedic's service manual.

Repairs and maintenance may only be done by authorized personnel using original spare parts.

Cleaning

When necessary, clean the lift using warm water and a clean cloth. Do not use cleaning agents that contain phenol or chlorine.

Storage

If the lift is not to be used for some time or e.g., when transporting, we recommend that the emergency stop function be activated. Store the lift at a temperature above the freezing point and at normal relative humidity (about 60%).

Service agreements

RoMedic offers the possibility of service agreements for maintenance and regular testing of your Reda lift. Contact your local RoMedic representative.

Accessories

Slings

For slings and other lifting accessories, see RoMedic's brochure.

Slingbars:

Slingbar S,
Slingbar M
Slingbar L

StretcherBar and StretcherSling for lifting in the horizontal position

Digital Scale for weighing patients who use patient lifts

Positioning aids: TopSheet, SafeHandlingSheet, RoMedicClips

SystemRoMedic

RoMedic's lifts and lifting accessories are part of System RoMedic. This means they are part of a holistic approach to lifting and transferring. SystemRoMedic includes four transfer segments: transfer, repositioning, support and lifting.
RoMedic's products are developed on an ongoing basis, which is why we reserve the right to modify product designs without prior notice. Contact your RoMedic representative for information, advice and updates.
When in doubt, contact your RoMedic representative for product trials, advice or information.
If you require additional information, contact your transfer specialist or our representative, or visit www.romedic.com. Make sure you always have the most recent version of the manual. Manuals are available for downloading from our website; http://www.romedic.com/manuals.htm

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